

Title (en)

Stencil drive with main and auxiliary drive means.

Title (de)

Schablonenantriebsvorrichtung mit Haupt- und Hilfsantriebsmitteln.

Title (fr)

Mécanisme d'entraînement des pochoirs avec des moyens d'entraînement principal et auxiliaire.

Publication

EP 0405646 A1 19910102 (EN)

Application

EP 90201565 A 19900615

Priority

NL 8901608 A 19890626

Abstract (en)

Device for driving at least one rotary screen printing stencil (6), comprising first main drive means (1, 4, 5, 7) having a first gear wheel (8) which meshes with a circular toothed element (9) which is connected to the stencil (6), and the axis of which coincides with the axis of the stencil, second main drive means (12) for moving a web (15) to be printed at right angles to the axis of the stencil (6) and against the stencil, the first and second main drive means being synchronized with each other and an auxiliary drive means (17) with a second gear wheel (16) which meshes with the toothed element (9), while the auxiliary drive means constantly deliver such a couple that one of the gear wheels drives the stencil and the other gear wheel retains the stencil.

IPC 1-7

B41F 15/08; **B41F 15/38**

IPC 8 full level

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CPC (source: EP US)

B41F 15/0836 (2013.01 - EP US); **B41F 15/38** (2013.01 - EP US); **Y10T 74/19623** (2015.01 - EP US)

Citation (search report)

- [Y] DE 1611333 A1 19701223 - ZIMMER PETER
- [Y] US 1588318 A 19260608 - DE SMET LIEVEN LOUIS
- [Y] DE 2605016 A1 19770811 - MITTER & CO
- [A] US 1526266 A 19250210 - DE SMET LIEVEN LOUIS
- [A] DE 2448327 A1 19750417 - MORRISON MACHINE CO

Cited by

EP0914943A1

Designated contracting state (EPC)

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